

REMARKS

Claims 1-10 are pending. By this Amendment, claims 1-10 are amended. The specification and Abstract are replaced with a Substitute Specification and Substitute Abstract.

The attached Appendix includes marked-up copies of the specification (37 C.F.R. §1.125(b)(2)) and each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Prompt and favorable consideration on the merits is respectfully requested.

Respectfully submitted,



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Attachments:

Substitute Abstract  
Appendix  
Substitute Specification  
Marked-up copy of specification

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## APPENDIX

## Changes to Abstract:

The following is a marked-up version of the amended Abstract.

## ABSTRACT

The invention provides in providing an electro-optical apparatus with an enhanced improved visibility of image in the peripheral region of the active display area, and a method of driving such an electro-optical apparatus. The apparatus includes a ~~the same~~, a mask signal generating circuit that 12 constantly outputs a mask signal to for displaying white. A mask controlling circuit 16 usually outputs a control signal MS to for turning on an analog switch 14 and turning off an analog switch 13. Thus, a display signal VS on a terminal 10 is supplied to a display signal line 5 via the analog switch 14, whereby an image is displayed on a display panel 1. Also, the mask controlling circuit 16, based on a data line driving signal and a scanning line driving signal supplied from a timing pulse generating circuit 7, detects the timing to for driving each of predetermined pixels in the peripheral region of the display panel 1, and outputs at the timing a control signal to MS for turning off the analog switch 14 and turning on the analog switch 13. Thus, white is displayed in the peripheral region of the active display area.

## Changes to Specification:

A Substitute Specification is attached in accordance with 37 C.F.R. 1.125(b)(2).

## Changes to Claims:

The following are marked-up versions of the amended claims:

1. (Amended) An electro-optical apparatus, comprising which comprises a display panel including a peripheral region and comprising a plurality of pixels; and

a driver that drives driving means for driving each of the pixels of said display panel based on a display signal which is externally supplied; and

asaid electro-optical apparatus comprising timing detection device that detects means for detecting the timing to for driving the pixels in the peripheral region of said display panel; and

a display controller that outputs means for outputting a signal to for displaying a particular color to said driver driving means at the timing detected by said timing detection device means.

2. (Amended) An electro-optical apparatus, comprising which comprises a display panel including a peripheral region and comprising a plurality of pixels; and

a driver that drives driving means for driving each of the pixels based on display data which is externally supplied corresponding to each of the pixels of said display panel; and;

asaid electro-optical apparatus comprising display controller that outputs control means for outputting to said driver driving means display data to for displaying a particular color as display data to for displaying each of the pixels in the peripheral region of said display panel.

3. (Amended) An electro-optical apparatus, comprising which comprises a display panel including a peripheral region and comprising a plurality of pixels; and

a memory which stores display data corresponding to each of the pixels of said display panel;

a writing device that writes~~means for writing~~ to said memory display data which is externally supplied; and

a and driver that drives~~driving means for driving~~ each of said pixels based on the display data in said memory; and

as said electro-optical apparatus comprising display control device that writes~~means for writing~~ to said memory display data to for displaying a particular color as display data to for displaying each of the pixels in the peripheral region of said display panel.

4. (Amended) An electro-optical apparatus, comprising: which comprises a display panel including a peripheral region and comprising a plurality of pixels; and

a memory which stores display data corresponding to each of the pixels of said display panel; and

a writing device that writes~~means for writing~~ to said memory display data which is externally supplied; and,

a and driver that drives~~driving means for driving~~ each of said pixels based on the display data in said memory; and

characterized in that display data to for displaying a particular color being is stored in advance in a storage area of said memory corresponding to each of the pixels in the peripheral region of said display panel.

5. (Amended) The electro-optical apparatus according to Claim 1 to Claim 4, characterized in that each of said pixels being formed is composed of liquid crystal.

6. (Amended) The electro-optical apparatus according to Claim 1 to Claim 5, wherein said particular color being is white.

7. (Amended) A method of driving an electro-optical apparatus which includes comprises a display panel including comprising a plurality of pixels, and a driver that drives~~driving means for driving~~ each of the pixels of said display panel based on a display signal which is externally supplied, the method comprising:

detecting characterized in that the timing to for driving the pixels in the peripheral region of said display panel is detected; and in that

outputting a signal to for displaying a particular color is output to said driver driving means at the detected timing.

8. (Amended) A method of driving an electro-optical apparatus which includes comprises a display panel including comprising a plurality of pixels, and a driver that drives driving means for driving each of the pixels based on display data which is externally supplied corresponding to each of the pixels of said display panel, the method comprising:

outputting characterized in that display data to for displaying a particular color is output to said driver driving means as display data to for displaying each of the pixels in the peripheral region of said display panel.

9. (Amended) A method of driving an electro-optical apparatus which includes comprises a display panel including comprising a plurality of pixels, a memory which stores display data corresponding to each of the pixels of said display panel, a writing device that writes means for writing to said memory display data which is externally supplied, and a driver that drives driving means for driving each of said pixels based on the display data in said memory, the method comprising:

writing characterized in that display data to for displaying a particular color is written to said memory as display data to for displaying each of the pixels in the peripheral region of said display panel.

10. (Amended) The method of driving an electro-optical apparatus according to Claim 7 to Claim 9, wherein said writing step including writing display data to display a particular color that is white.